



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Topiwala, et al.

Application No.: 09/212,210

Filed: 12/16/1998

Title: Fast Lapped Image Transforms Using Lifting Steps

Attorney Docket No.: 905.01

Group Art Unit: 2621

Examiner: Jose L. Couso

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Assistant Commissioner for Patents  
Washington, D.C. 20231

RESPONSE UNDER 37 CFR 1.111

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Dear Sir:

In response to the Office Action of February 27, 2001, Applicants state as follows:

REMARKS

Applicants thank the Examiner for the courteous and productive interview which he granted to Applicants' counsel and to Mr. Topiwala, one of the inventors, on May 29, 2001. This response is an effort to capture in writing the substance of the arguments presented in that interview, which arguments the Examiner found persuasive.

In the Office Action, Examiner allowed Claims 2-8, 11, and 13-15 and rejected Claims 1, 9-10, and 12 as anticipated. In particular, he found these claims anticipated by Malvar, et al., U.S. Patent No. 5,805,739, issued Sept. 8, 1998; Gabriel, U.S. Patent No. 5,973,755, issued Oct. 26, 1999, and Hou, U.S. Patent No. 5,859,788, issued Jan. 12, 1999.

In the interview, counsel and Mr. Topiwala agreed that some features of the instant invention could be found in the three cited references, namely, they all deal with lapped orthogonal transforms. In fact, Malvar published a book on lapped transforms, "Signal